

UBD Title or Topic

Subject/Course: Human Development

9-12

Duration:

Larsen, Hauck-Fenner, Skinner, Keffeler, Storms,

Grade (s):

10 days

Designer (s)

Hobach, Knock

Stage 1: Desired Results

Core Standard(s):

HDBS 2.1 Examine pregnancy and child birth to determine healthy growth and delivery of a baby

Understandings: Students will understand that....

Prenatal care impacts the development of a baby

A successful delivery contributes to the health of baby and mother

Essential Question(s):

How does prenatal care impact infant development?

What is a successful delivery and how is it achieved?

Students will know....

Habits of mother during pregnancy can influence the baby's development

Prenatal choices can affect the baby

Various methods/stages of delivery

Student will be able to

Identify growth and development at each trimester

List positive and negative prenatal choices

Discuss the impact of each choice

Compare and contrast various methods of delivery

Stage 2: Assessment Evidence

What evidence will show that students understand?

 Performance Task

 X

Project

 Quizzes

 X Tests

Informal Observations

 X

Discussions

 Interviews

Self-Assessment

Other

Stage 3: Learning Plan

Motivation – Introduce and Explain

How will you help students know *where* they are headed and why? How will you *hook* students through engaging and thought-provoking experiences that point toward big ideas, essential questions, and performance tasks?

Video Clips from—Look Who's Talking (Available from your local rental store) or Look Who's Balking: The Baby Who Wouldn't Come Out? (Available at [www. Discovered.com](http://www.Discovered.com) 15 minutes in length. This is a site your school must pay for or you can get a 30 day free trial and download).

May use empathy belly as a motivation for understanding pregnancy.

Model (Teacher presentation):

What instruction is needed to *equip* students for final performance?

Information sheets from PBS and Utah Education Network

Video- Nova, Life's Greatest Miracle-(video guide available with the lesson plan)

<http://www.pbs.org/wgbh/nova/miracle/program.html>

Guest speaker-invite a medical person to talk to students about healthy pregnancy and delivery.

Hold a discussion about the factors to be considered for a successful delivery to include finding a doctor and delivery facility, types of deliveries, costs involved, prenatal classes, the role of the coach, setting up the nursery, and prenatal tests for mother and fetus. Students will brainstorm questions to ask a panel of experts (community members with a variety of pregnancy experiences.)

Arrange a tour of a birthing facility (hospital) for students, or if not available, utilize a virtual tour of labor and delivery. Pre-select some of the terms/questions and have students find the answers to them.

Care of the Newborn PowerPt. - operationalmedicine.org/Powerpoint/Lectures/Newborn.ppt

Guided and Independent Practice (Student Engagement):

What events can students *experience* to make the ideas and issues real? What learning activities will help student to *explore* the big ideas and essential questions?

Trimesters-Utah Education Network/ PowerPoint

Worksheet from Utah Education Network—Stages of Prenatal Development---

http://www.uen.org/Lessonplan/preview.cgi?LPid=4016---Select: trimester_wkpp.doc

Write an exit slip (Writing to Win) to include “What I learned and Questions I still have”.

Post-delivery timeline for mother and baby.

Reflection/Assessment:

How will you cause students to *reflect* and *rethink* to dig deeper into core ideas? How will you guide students in *rehearsing*, *revising*, and *refining* their work based on feedback and self-assessment? How students *exhibit* their understanding about their final performances and products? How will you guide them in *self-evaluation* to identify the strengths and weaknesses in their work and set future goals?

Each student will pick a prenatal habits that can lead to problems for the baby/mother and create a PowerPt to share with the class.

Develop a healthy pregnancy calendar.

From the baby's perspective, find a creative way to present a positive birthing experience which results in a healthy baby.

Resources:

<http://www.uen.org/Lessonplan/preview.cgi?LPid=4016>
Utah Education Network-Stages of Prenatal Development

http://www.pbs.org/wgbh/nova/teachers/activities/2816_miracle.html
NOVA teachers/ classroom activity and video Life's Greatest Miracle-
<http://www.pbs.org/wgbh/nova/miracle/program.html>

<http://webspace.ship.edu/cgboer/genpsyfetaldev.html>- Prenatal Development by week

9 Month Miracle-computer DVD- A.D.A.M. software

<http://www.clarian.org/ADAM/doc/WomenCenter/14/000078.htm>- This website is put out by the same company as the 9 Month Miracle DVD above, but is free for all to use.

<http://www.kpvirtualtour.com> - Virtual tour of labor and delivery at Santa Clara, Cal.

PowerPt- Health for Moms and Their Babies- Kristie Storms

Care of the Newborn PowerPt. - operationalmedicine.org/Powerpoint/Lectures/Newborn.ppt

Welcome to the World- http://www.marchofdimess/pnhec/28699_2037.asp- This is a graphic of the newborn that tells about each part of the body.

<http://www.argusleader.com/article/20090629/LIFE/906290324/1004/life> This is an article on Cesarean birth from the Argus Leader.

Possible Sequence of Learning Activities

1. Motivation- Video Clips from—Look Who's Talking or Look Who's Bawling: The Baby Who Wouldn't Come Out?
2. Trimesters-Utah Education Network/ PowerPoint
3. Stages of Prenatal Development
4. Life's Greatest Miracles video
5. Prenatal Development by week
6. PowerPt- Health for Moms and Their Babies
7. Each student will pick a prenatal habits that can lead to problems for the baby/mother and create a PowerPt to share with the class.
8. Develop a healthy pregnancy calendar.
9. Guest speaker
10. Panel of experts
11. Exit slip—"Questions I still have".
12. Tour of a birthing facility
13. Care of the Newborn PowerPt.
13. Post-delivery timeline
14. Creative story from the baby's perspective